

IN THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) A soybean, genetically lacking all subunits of  $\beta$ -conglycinin and glycinin subunits  $\alpha$ ,  $\alpha'$ , and  $\beta$ ; ~~and which genetically lacks at least one group of glycinin subunits selected from the group consisting of (i)  $A_{1a}B_{25}$ ,  $A_2B_{1a5}$ ,  $A_{1b}B_{1b5}$ ; (ii)  $A_5A_4B_3$ ; and (iii)  $A_3B_4$~~ ; and wherein the soybean has a total free amino acid content in the seed thereof that is higher than the content in the seeds of any of Fukuyutaka and Tachiyutaka having all subunits of  $\beta$ -conglycinin and glycinin, Enrei lacking only  $A_5A_4B_3$  subunit of glycinin, Kyukei 305 lacking all subunits of  $\beta$ conglycinin and EnB1 lacking all subunits of glycinin that are cultivated under similar conditions.

2. (Previously Presented) The soybean of claim 1, having total free amino acid content in the seed thereof that is at least 2 times greater than the content in the seeds of any of Fukuyutaka and Tachiyutaka having all subunits of  $\beta$ -conglycinin and glycinin, Enrei lacking only  $A_5A_4B_3$  subunit of glycinin, Kyukei 305 lacking all subunits of  $\beta$ -conglycinin, and EnB1 lacking all subunits of glycinin that are cultivated under similar conditions.

3. (Original) The soybean of claim 1, wherein the total free amino acid content in the seed thereof is 8 mg or more per gram dry weight of the seed.

4. (Previously Presented) The soybean of claim 1, wherein the content of at least one of free amino acid selected from the group consisting of arginine, asparagine, histidine and glutamine among each of free amino acids contained in the seed is greater than that contained in the seed of any of Fukuyutaka and Tachiyutaka having all subunits of  $\beta$ conglycinin and glycinin, Enrei lacking only  $A_5A_4B_3$  subunit of glycinin, Kyukei 305 lacking all subunits of

$\beta$ -conglycinin and EnB1 lacking all subunits of glycinin that are cultivated under similar conditions.

5. (Previously Presented) The soybean of claim 4, wherein the content of each of arginine, asparagine, histidine and glutamine among each of free amino acids contained in the seed are each greater than the contents thereof in the seeds of any of Fukuyutaka and Tachiyutaka having all subunits of  $\beta$ -conglycinin and glycinin, Enrei lacking only  $A_5A_4B_3$  subunit of glycinin, Kyukei 305 lacking all subunits of  $\beta$ -conglycinin and EnB1 lacking all subunits of glycinin wherein they are cultivated under similar conditions.

Claims 6-10 (Cancelled).

11. (Currently Amended) ~~The method of claim 8, further comprising selecting a line having only the  $A_3B_4$  subunit of glycinin among the subunits of  $\beta$ -conglycinin and glycinin; or~~ A method of producing a soybean of claim 1, comprising crossing a first soybean lacking one or more subunits selected from the group consisting of  $\alpha$ ,  $\alpha'$ , and  $\beta$  of  $\beta$ -conglycinin; and  $A_{1a}B_2$ ,  $A_2B_{1a}$ ,  $A_{1b}B_{1b}$ ,  $A_5A_4B_3$ ; and  $A_3B_4$  glycinin subunits with a soybean lacking all the  $A_{1a}B_2$ ,  $A_2B_{1a}$ ,  $A_{1b}B_{1b}$ ,  $A_5A_4B_3$ ; and  $A_3B_4$  glycinin subunits; and  
selecting a line lacking all subunits of  $\beta$ -conglycinin and glycinin following the step of crossing.

Claims 12-13 (Cancelled)

14. (Currently Amended) A soybean seed, which does not express any subunit of  $\beta$ -conglycinin and glycinin subunits  $\alpha$ ,  $\alpha'$ , and  $\beta$ ; and which does not express at least one group

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of glycinin subunits selected from the group consisting of (i) ~~A1<sub>1a</sub>B<sub>2</sub>, A1<sub>1a</sub>B<sub>23</sub>, A2B<sub>1a</sub>, A1<sub>1b</sub>B<sub>1b</sub>~~;  
(ii) ~~A<sub>5</sub>A<sub>4</sub>B<sub>3</sub>~~; and (iii) ~~A<sub>3</sub>B<sub>4</sub>~~ and wherein the soybean seed has a total free amino acid content that is higher than the content in the seeds of any of Fukuyutaka and Tachiyutaka having all subunits of  $\beta$ -conglycinin and glycinin, Enrei lacking only A<sub>5</sub>A<sub>4</sub>B<sub>3</sub> subunit of glycinin, Kyukei 305 lacking all subunits of  $\beta$ -conglycinin and EnB1 lacking all subunits of glycinin that are cultivated under similar conditions.

15. (Previously Presented) The soybean of claim 14, having total free amino acid content in the seed thereof that is at least 2 times greater than the content in the seeds of any of Fukuyutaka and Tachiyutaka having all subunits of  $\beta$ -conglycinin and glycinin, Enrei lacking only A<sub>5</sub>A<sub>4</sub>B<sub>3</sub> subunit of glycinin, Kyukei 305 lacking all subunits of  $\beta$ -conglycinin, and EnB1 lacking all subunits of glycinin that are cultivated under similar conditions.

16. (Previously Presented) The soybean of claim 14, wherein the total free amino acid content in the seed thereof is 8 mg or more per gram dry weight of the seed.

17. (Previously Presented) The soybean of claim 14, wherein the content of at least one of free amino acid selected from the group consisting of arginine, asparagine, histidine and glutamine among each of free amino acids contained in the seed is greater than that contained in the seed of any of Fukuyutaka and Tachiyutaka having all subunits of  $\beta$ -conglycinin and glycinin, Enrei lacking only A<sub>5</sub>A<sub>4</sub>B<sub>3</sub> subunit of glycinin, Kyukei 305 lacking all subunits of  $\beta$ -conglycinin and EnB1 lacking all subunits of glycinin that are cultivated under similar conditions.

18. (Currently Amended) The soybean of claim 17, wherein the content of each of arginine, asparagine, histidine and glutamine among each of free amino acids contained in the seed are each greater than the contents thereof in the seeds of any of Fukuyutaka and Tachiyutaka having all subunits of  $\beta$ -conglycinin and glycinin, Enrei lacking only A<sub>5</sub>A<sub>4</sub>B<sub>3</sub> subunit of glycinin, Kyukei 305 lacking all subunits of  $\beta$ -conglycinin, and EnB1 lacking all subunits of glycinin wherein they are cultivated under similar conditions.

Claims 19-20 (Cancelled)